

## Fintech in Investment Management

## 1. INTRODUCTION

Fintech (finance + technology) is playing a major role in the fields of:

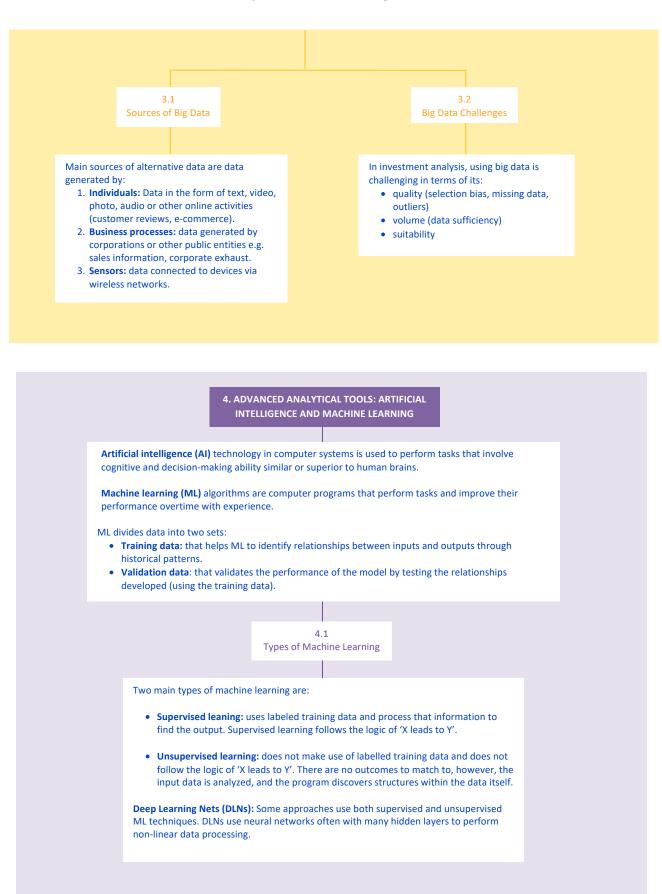
- investment management industry
- investment advisory services
- financial record keeping, blockchain and distributed ledger technology (DLT)

## 2. WHAT IS FINTECH

Some salient fintech developments related to the investment industry include:

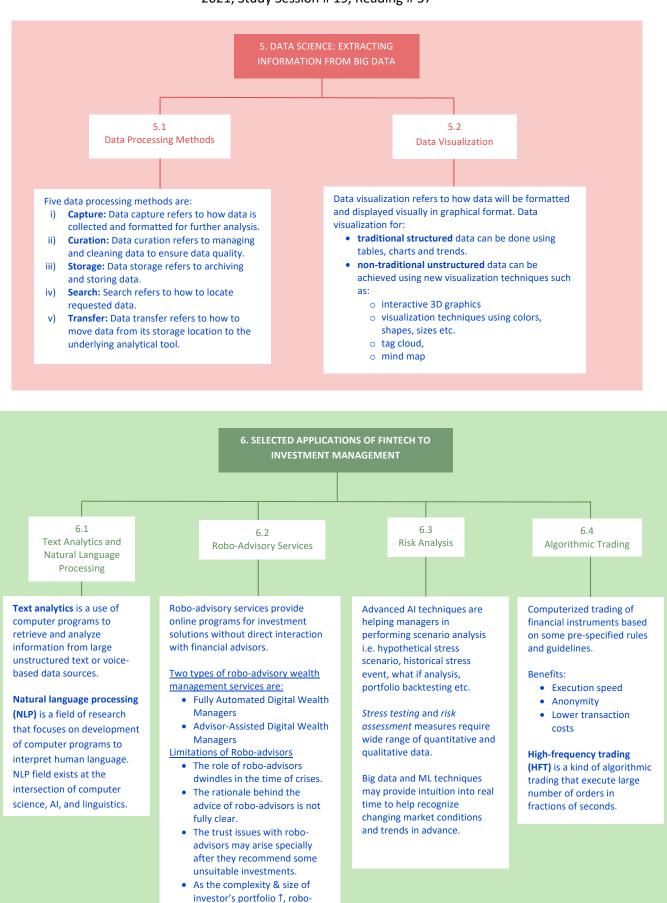
- Analysis of large data sets:
  - o traditional data sources include economic indicators, financial statements
  - non-traditional data sources (such as social media, sensor networks) to generate profits.
- Analytical tools: artificial intelligence (AI) helps identifying complex, non-linear relationships among gigantic datasets.
- Automated trading: lower transaction costs, market liquidity, secrecy, efficient trading etc.
- Automated advice: Robo-advisors or automated personal wealth management are lowcost alternates for retail investors.
- Financial record keeping: DLT provides advanced and secure means of record keeping and tracing ownership of financial assets on peer-to-peer (P2P) basis.

		3. BIO	G DATA		
	Traditi	onal		Non-traditional (alternate	2)
Sources	Institutions, Businesses, Government, Financial Markets		Sources	Social media, Sensor networks Company- used data, Electronic devices, Smart phones, Cameras, Microphones, Radio-frequency identification (RFID)	
filings, Sa		ports, Regulatory les & earnings, ce calls, Trade prices &	Forms of Data	Posts, Tweets, Blogs, Email, Text messages, Web-traffic, Online news sites	
		Big data typically have • Volume • Velocity • Variety	the following feat	ures:	
			continue		



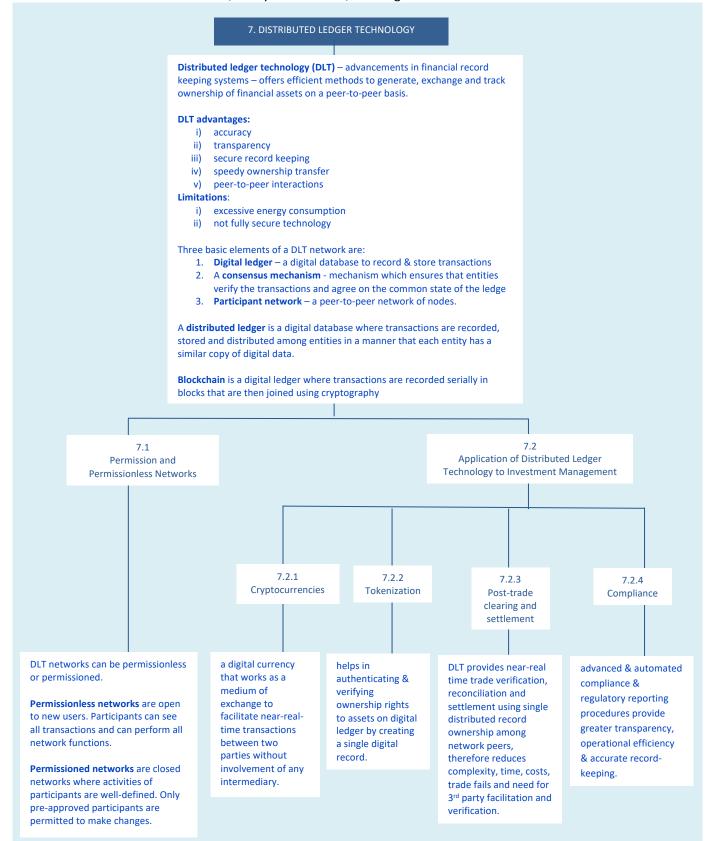
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